

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	221	((diffract\$3 NEAR2 (surface\$1 element\$1)) "DOE" "HOE") NOT (diffraction\$1limit\$3 diffraction ADJ limit\$3) AND (diffract\$3 SAME (lens lenses) SAME (between interface)) AND ((cement\$3 adhesive) SAME (lens lenses doublet)) AND ((lens lenses) SAME material\$1 SAME different)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/08 11:15
L2	36	((diffract\$3 NEAR2 (surface\$1 element\$1)) "DOE" "HOE") NOT (diffraction\$1limit\$3 diffraction ADJ limit\$3) AND (diffract\$3 SAME (lens lenses) SAME (between interface)) AND ((cement\$3 adhesive) SAME (lens lenses doublet)) AND ((lens lenses) SAME material\$1 SAME different) AND ((lens lenses) SAME curvature\$1 SAME different)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/08 11:16
L3	7	((diffract\$3 NEAR2 (surface\$1 element\$1)) "DOE" "HOE") NOT (diffraction\$1limit\$3 diffraction ADJ limit\$3) AND (diffract\$3 SAME (lens lenses) SAME (between interface)) AND ((cement\$3 adhesive) SAME (lens lenses doublet)) AND ((lens lenses) SAME material\$1 SAME different) AND ((condition\$2 expression\$1 relation\$1 relationship\$1 equation\$1) SAME distance SAME lens SAME refract\$3 SAME diffract\$3 SAME (power optical))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/08 11:16
L4	3	((diffract\$3 NEAR2 (surface\$1 element\$1)) "DOE" "HOE") NOT (diffraction\$1limit\$3 diffraction ADJ limit\$3) AND (diffract\$3 SAME (lens lenses) SAME (between interface)) AND ((cement\$3 adhesive) SAME (lens lenses doublet)) AND ((lens lenses) SAME material\$1 SAME different) AND ((condition\$2 expression\$1 relation\$1 relationship\$1 equation\$1) SAME distance SAME lens SAME refract\$3 SAME diffract\$3 SAME (power optical)) AND ((lens lenses) SAME (curvature\$1 NEAR4 (air incident exit\$3)) SAME (curvature\$1 NEAR4 (cement\$3 adhesive interface facing oppos\$3))) SAME different)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/08 11:16
L5	3	((diffract\$3 NEAR2 (surface\$1 element\$1)) "DOE" "HOE") NOT (diffraction\$1limit\$3 diffraction ADJ limit\$3) AND (diffract\$3 SAME (lens lenses) SAME (between interface)) AND ((cement\$3 adhesive) SAME (lens lenses doublet)) AND ((lens lenses) SAME material\$1 SAME different) AND ((condition\$2 expression\$1 relation\$1 relationship\$1 equation\$1) SAME distance SAME lens SAME refract\$3 SAME diffract\$3 SAME (power optical)) AND ((lens lenses) SAME (curvature\$1 NEAR4 (air incident exit\$3)) SAME (curvature\$1 NEAR4 (cement\$3 adhesive interface facing oppos\$3))) SAME different) AND ((low\$1pass low ADJ pass) NEAR2 filter SAME sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/08 11:16
L6	4	((diffract\$3 NEAR2 (surface\$1 element\$1)) "DOE" "HOE") NOT (diffraction\$1limit\$3 diffraction ADJ limit\$3) AND (diffract\$3 SAME (lens lenses) SAME (between interface)) AND ((cement\$3 adhesive) SAME (lens lenses doublet)) AND ((lens lenses) SAME material\$1 SAME different) AND ((condition\$2 expression\$1 relation\$1 relationship\$1 equation\$1) SAME refract\$3 SAME diffract\$3 SAME (power optical) SAME (Abbe ADJ number))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/08 11:17
L7	2	((diffract\$3 NEAR2 (surface\$1 element\$1)) "DOE" "HOE") NOT (diffraction\$1limit\$3 diffraction ADJ limit\$3) AND (diffract\$3 SAME (lens lenses) SAME (between interface)) AND ((cement\$3 adhesive) SAME (lens lenses doublet)) AND ((lens lenses) SAME material\$1 SAME different) AND ((condition\$2 expression\$1 relation\$1 relationship\$1 equation\$1) SAME refract\$3 SAME diffract\$3 SAME (power optical) SAME (Abbe ADJ number)) AND ((lens lenses) SAME (curvature\$1 NEAR4 (air incident exit\$3)) SAME (curvature\$1 NEAR4 (cement\$3 adhesive interface facing oppos\$3))) SAME different)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/08 11:17

## EAST Search History

L8	2	(((diffract\$3 NEAR2 (surface\$1 element\$1)) "DOE" "HOE") NOT (diffraction\$1limit\$3 diffraction ADJ limit\$3)) AND (diffract\$3 SAME (lens lenses) SAME (between interface)) AND ((cement\$3 adhesive) SAME (lens lenses doublet)) AND ((lens lenses) SAME material\$1 SAME different) AND ((condition\$2 expression\$1 relation\$1 relationship\$1 equation\$1) SAME refract\$3 SAME diffract\$3 SAME (power optical) SAME (Abbe ADJ number)) AND ((lens lenses) SAME (curvature\$1 NEAR4 (air incident exit\$3)) SAME (curvature\$1 NEAR4 (cement\$3 adhesive interface facing oppos\$3)) SAME different) AND ((low\$1pass low ADJ pass) NEAR2 filter SAME sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/08 11:17
L9	6	(OHMORI-Shigeto.IN. ORI-Yuichiro.IN.) AND (((diffract\$3 NEAR2 (surface\$1 element\$1)) "DOE" "HOE") NOT (diffraction\$1limit\$3 diffraction ADJ limit\$3)) AND ((cement\$3 adhesive) SAME (lens lenses doublet))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/08 11:17
L10	37	(US-5886825-\$ or US-5872658-\$ or US-5847877-\$ or US-5572277-\$ or US-6142988-\$ or US-5760871-\$ or US-5152788-\$ or US-5117306-\$ or US-6157488-\$ or US-5837894-\$ or US-5717525-\$ or US-5148314-\$ or US-6414798-\$ or US-6392805-\$ or US-6381079-\$ or US-6349004-\$ or US-6313958-\$ or US-6147815-\$ or US-6081389-\$ or US-5978158-\$ or US-5909322-\$ or US-5748372-\$ or US-5715091-\$ or US-5581405-\$ or US-5543966-\$ or US-6366405-\$ or US-6236515-\$ or US-6157494-\$ or US-6069743-\$ or US-6157781-\$ or US-20020122264-\$ or US-20020036827-\$ or US-20020030889-\$ or US-20020015232-\$ or US-20020012170-\$ or US-20010015848-\$ or US-20020003660-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/01/08 11:18
L11	14	(348/240.99 OR 359/566 OR 359/659 OR 359/676 OR 359/680 OR 359/689 OR 359/690 OR 359/691 OR 359/692 OR 359/742 OR 359/743).CCLS. AND (((diffract\$3 NEAR2 (surface\$1 element\$1)) "DOE" "HOE") NOT (diffraction\$1limit\$3 diffraction ADJ limit\$3)) AND (diffract\$3 SAME (lens lenses) SAME (between interface)) AND ((cement\$3 adhesive) SAME (lens lenses doublet)) AND ((lens lenses) SAME ((refract\$3 NEAR2 index) material\$1) SAME different) AND ((lens lenses) SAME curvature\$1 SAME different)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/08 11:18
L12	313	359/570	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/08 11:18
L13	362	359/576	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/08 11:19
L14	207	359/796	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/08 11:19

## EAST Search History

L15	1	(((((diffract\$3 NEAR2 (surface\$1 element\$1)) "DOE" "HOE") NOT (diffraction\$1 limit\$3 diffraction ADJ limit\$3)) AND (diffract\$3 SAME (lens lenses) SAME (between interface)) AND ((cement\$3 adhesive) SAME (lens lenses doublet)) AND ((lens lenses) SAME material\$1 SAME different) AND ((condition\$2 expression\$1 relation\$1 relationship\$1 equation\$1) SAME distance SAME lens SAME refract\$3 SAME diffract\$3 SAME (power optical)) AND ((lens lenses) SAME (curvature\$1 NEAR4 (air incident exit\$3)) SAME (curvature\$1 NEAR4 (cement\$3 adhesive interface facing oppos\$3)) SAME different))).CLM.	US-PGPUB; USPAT	OR	OFF	2007/01/08 11:21
L16	0	(((((diffract\$3 NEAR2 (surface\$1 element\$1)) "DOE" "HOE") NOT (diffraction\$1 limit\$3 diffraction ADJ limit\$3)) AND (diffract\$3 SAME (lens lenses) SAME (between interface)) AND ((cement\$3 adhesive) SAME (lens lenses doublet)) AND ((lens lenses) SAME material\$1 SAME different) AND ((condition\$2 expression\$1 relation\$1 relationship\$1 equation\$1) SAME distance SAME lens SAME refract\$3 SAME diffract\$3 SAME (power optical)) AND ((lens lenses) SAME (curvature\$1 NEAR4 (air incident exit\$3)) SAME (curvature\$1 NEAR4 (cement\$3 adhesive interface facing oppos\$3)) SAME different))).CLM. NOT "20030076591"	US-PGPUB; USPAT	OR	OFF	2007/01/08 11:22
L17	1	(((((diffract\$3 NEAR2 (surface\$1 element\$1)) "DOE" "HOE") NOT (diffraction\$1 limit\$3 diffraction ADJ limit\$3)) AND (diffract\$3 SAME (lens lenses) SAME (between interface)) AND ((cement\$3 adhesive) SAME (lens lenses doublet)) AND ((lens lenses) SAME material\$1 SAME different) AND ((condition\$2 expression\$1 relation\$1 relationship\$1 equation\$1) SAME distance SAME lens SAME refract\$3 SAME diffract\$3 SAME (power optical)) AND ((lens lenses) SAME (curvature\$1 NEAR4 (air incident exit\$3)) SAME (curvature\$1 NEAR4 (cement\$3 adhesive interface facing oppos\$3)) SAME different)) AND ((low\$1 pass low ADJ pass) NEAR2 filter SAME sensor)).CLM.	US-PGPUB; USPAT	OR	OFF	2007/01/08 11:22
L18	0	(((((diffract\$3 NEAR2 (surface\$1 element\$1)) "DOE" "HOE") NOT (diffraction\$1 limit\$3 diffraction ADJ limit\$3)) AND (diffract\$3 SAME (lens lenses) SAME (between interface)) AND ((cement\$3 adhesive) SAME (lens lenses doublet)) AND ((lens lenses) SAME material\$1 SAME different) AND ((condition\$2 expression\$1 relation\$1 relationship\$1 equation\$1) SAME distance SAME lens SAME refract\$3 SAME diffract\$3 SAME (power optical)) AND ((lens lenses) SAME (curvature\$1 NEAR4 (air incident exit\$3)) SAME (curvature\$1 NEAR4 (cement\$3 adhesive interface facing oppos\$3)) SAME different)) AND ((low\$1 pass low ADJ pass) NEAR2 filter SAME sensor)).CLM. NOT "20030076591"	US-PGPUB; USPAT	OR	OFF	2007/01/08 11:23
L19	1	((((diffract\$3 NEAR2 (surface\$1 element\$1)) "DOE" "HOE") NOT (diffraction\$1 limit\$3 diffraction ADJ limit\$3)) AND (diffract\$3 SAME (lens lenses) SAME (between interface)) AND ((cement\$3 adhesive) SAME (lens lenses doublet)) AND ((lens lenses) SAME material\$1 SAME different) AND ((condition\$2 expression\$1 relation\$1 relationship\$1 equation\$1) SAME refract\$3 SAME diffract\$3 SAME (power optical) SAME (Abbe ADJ number)) AND ((lens lenses) SAME (curvature\$1 NEAR4 (air incident exit\$3)) SAME (curvature\$1 NEAR4 (cement\$3 adhesive interface facing oppos\$3)) SAME different)).CLM.	US-PGPUB; USPAT	OR	OFF	2007/01/08 11:24
L20	0	((((diffract\$3 NEAR2 (surface\$1 element\$1)) "DOE" "HOE") NOT (diffraction\$1 limit\$3 diffraction ADJ limit\$3)) AND (diffract\$3 SAME (lens lenses) SAME (between interface)) AND ((cement\$3 adhesive) SAME (lens lenses doublet)) AND ((lens lenses) SAME material\$1 SAME different) AND ((condition\$2 expression\$1 relation\$1 relationship\$1 equation\$1) SAME refract\$3 SAME diffract\$3 SAME (power optical) SAME (Abbe ADJ number)) AND ((lens lenses) SAME (curvature\$1 NEAR4 (air incident exit\$3)) SAME (curvature\$1 NEAR4 (cement\$3 adhesive interface facing oppos\$3)) SAME different))).CLM. NOT "20030076591"	US-PGPUB; USPAT	OR	OFF	2007/01/08 11:24

## EAST Search History

L21	1	((((diffract\$3 NEAR2 (surface\$1 element\$1)) "DOE" "HOE") NOT (diffraction\$1limit\$3 diffraction ADJ limit\$3)) AND (diffract\$3 SAME (lens lenses) SAME (between interface)) AND ((cement\$3 adhesive) SAME (lens lenses doublet)) AND ((lens lenses) SAME material\$1 SAME different) AND ((condition\$2 expression\$1 relation\$1 relationship\$1 equation\$1) SAME refract\$3 SAME diffract\$3 SAME (power optical) SAME (Abbe ADJ number)) AND ((lens lenses) SAME (curvature\$1 NEAR4 (air incident exit\$3)) SAME (curvature\$1 NEAR4 (cement\$3 adhesive interface facing oppos\$3)) SAME different) AND ((low\$1pass low ADJ pass) NEAR2 filter SAME sensor)).CLM.	US-PGPUB; USPAT	OR	OFF	2007/01/08 11:25
L22	0	((((diffract\$3 NEAR2 (surface\$1 element\$1)) "DOE" "HOE") NOT (diffraction\$1limit\$3 diffraction ADJ limit\$3)) AND (diffract\$3 SAME (lens lenses) SAME (between interface)) AND ((cement\$3 adhesive) SAME (lens lenses doublet)) AND ((lens lenses) SAME material\$1 SAME different) AND ((condition\$2 expression\$1 relation\$1 relationship\$1 equation\$1) SAME refract\$3 SAME diffract\$3 SAME (power optical) SAME (Abbe ADJ number)) AND ((lens lenses) SAME (curvature\$1 NEAR4 (air incident exit\$3)) SAME (curvature\$1 NEAR4 (cement\$3 adhesive interface facing oppos\$3)) SAME different) AND ((low\$1pass low ADJ pass) NEAR2 filter SAME sensor)).CLM. NOT "20030076591"	US-PGPUB; USPAT	OR	OFF	2007/01/08 11:25